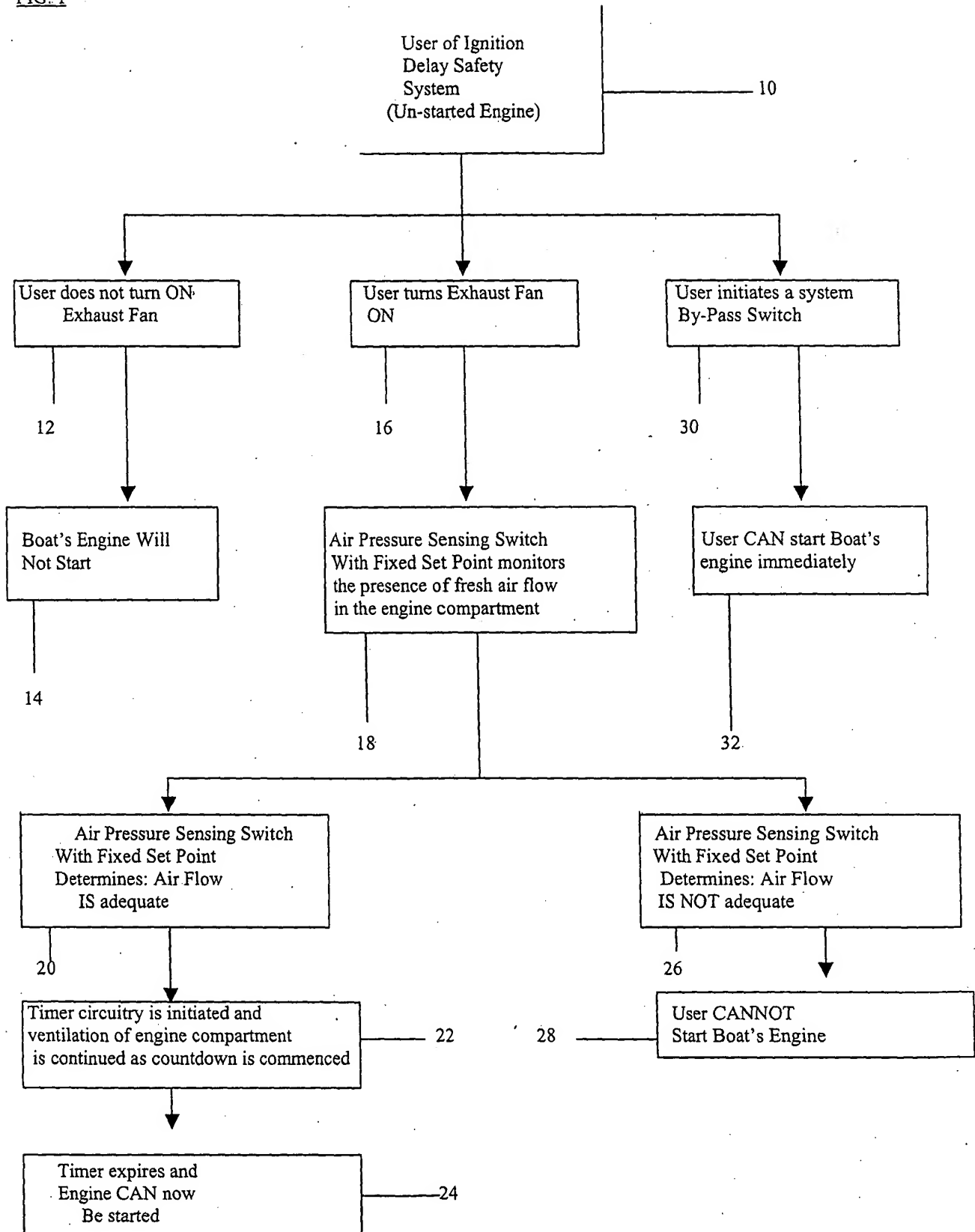


FIG. 1



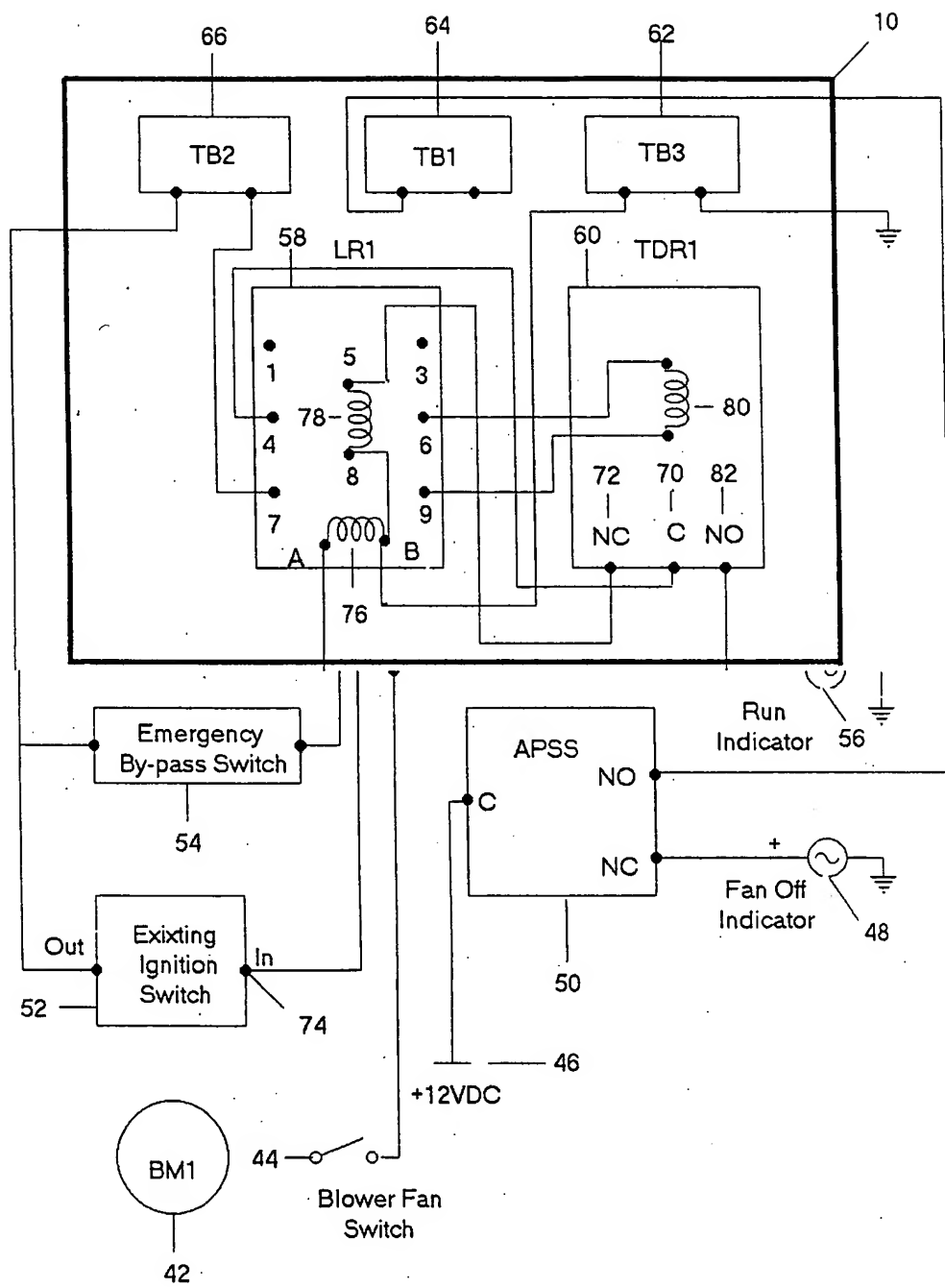


FIG. 2

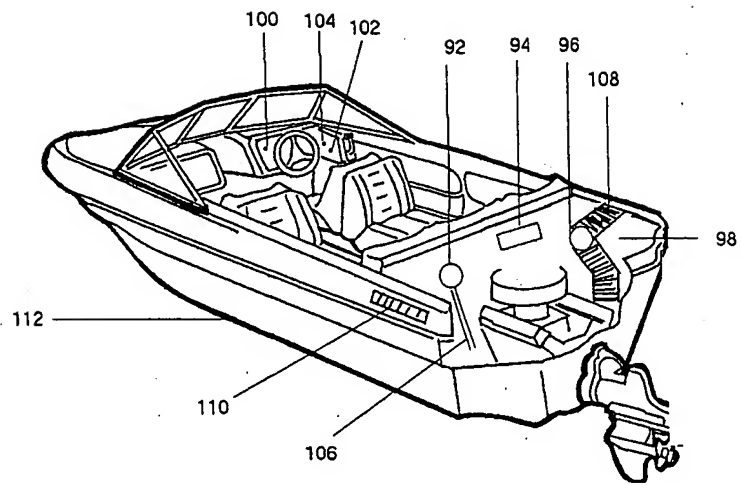


FIG.3

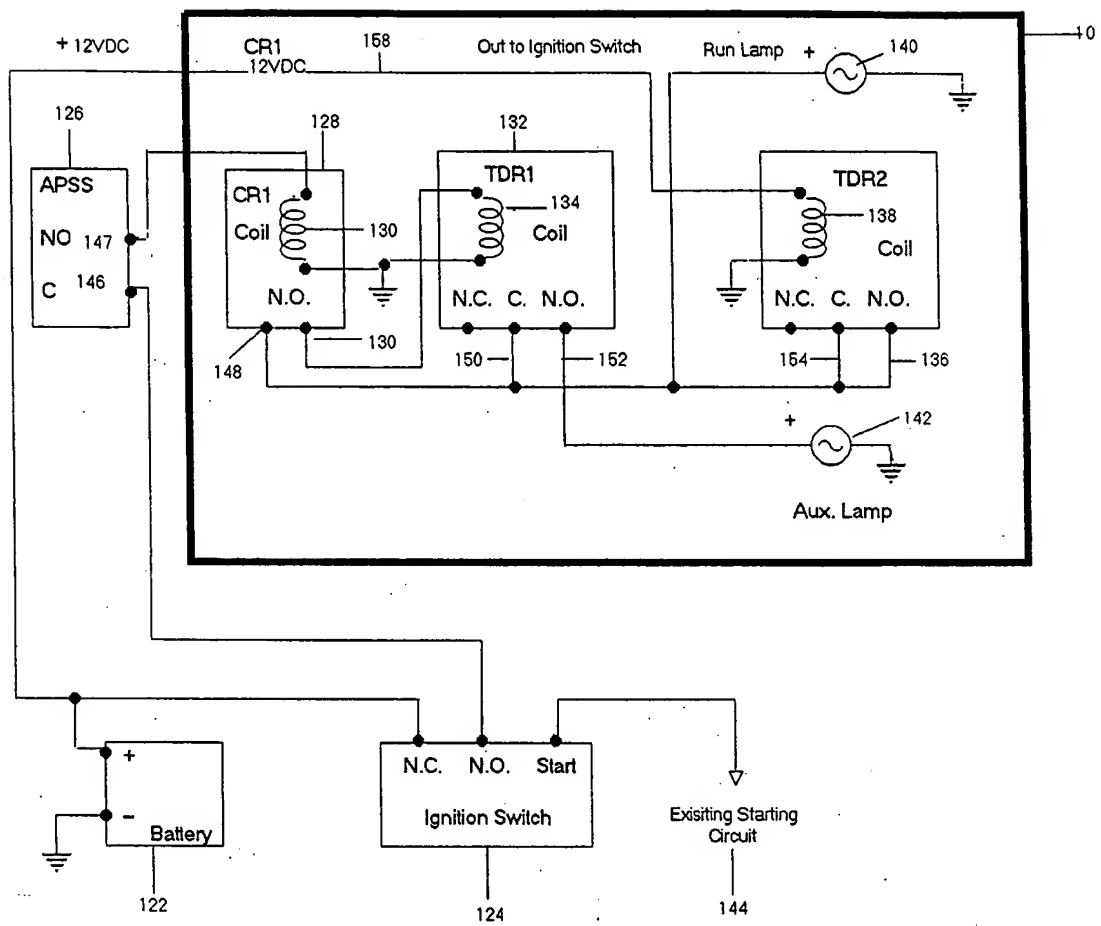


FIG. 4

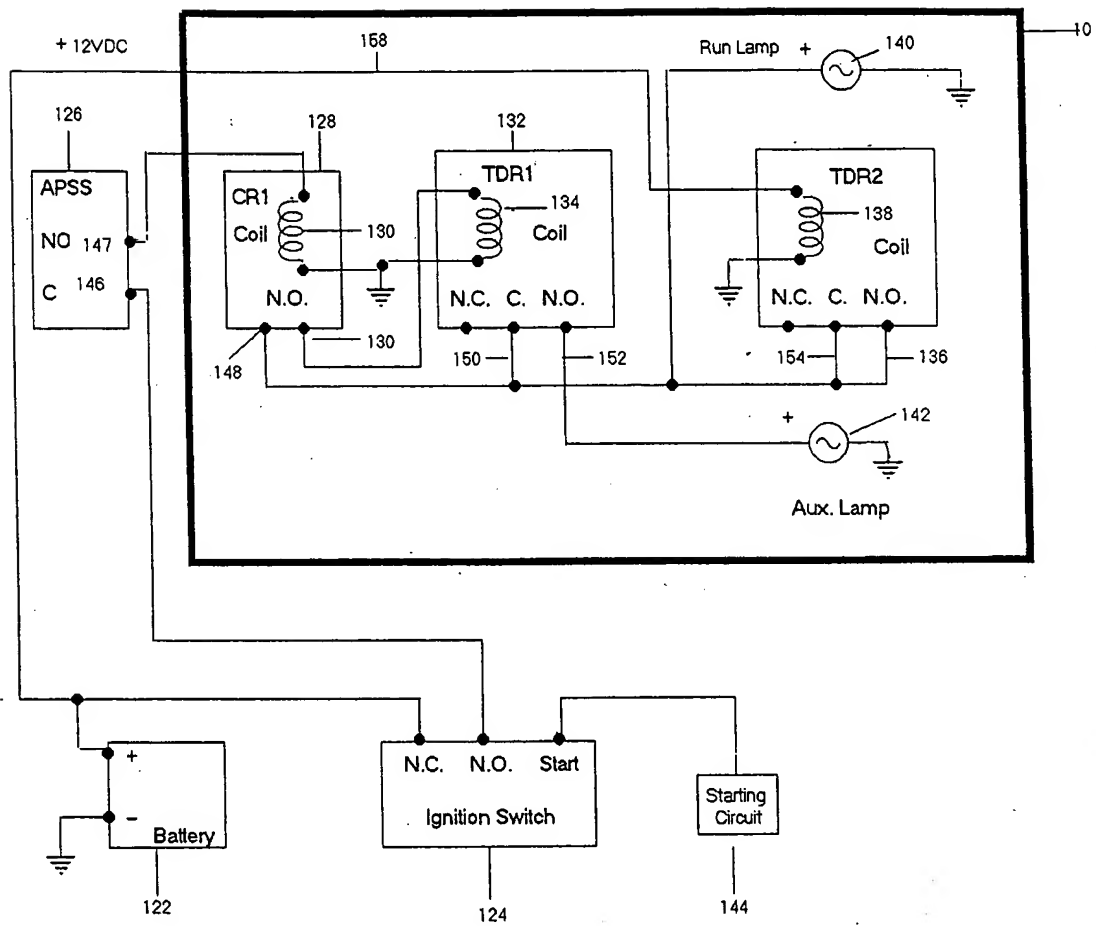


FIG. 5

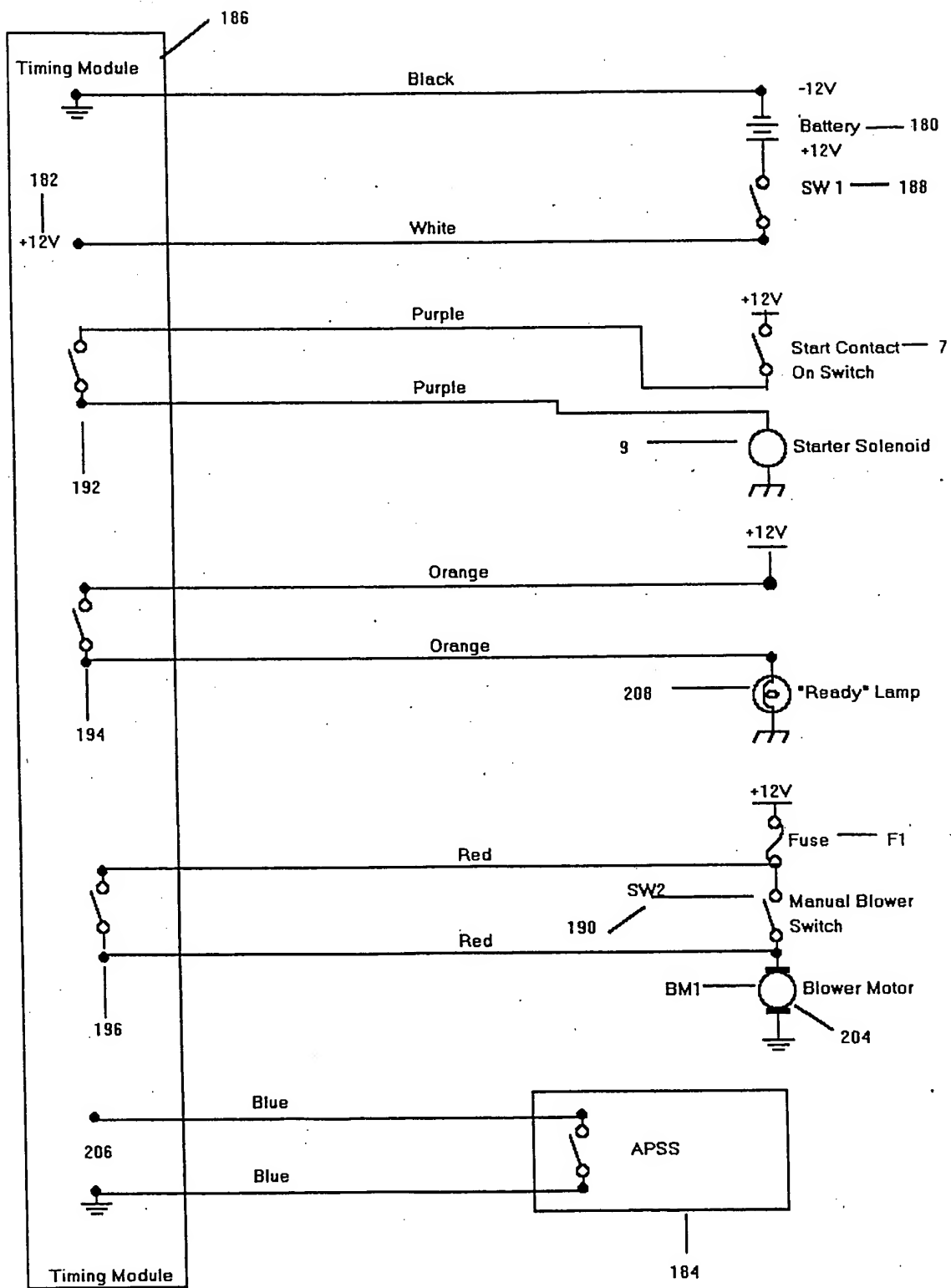


FIG. 6

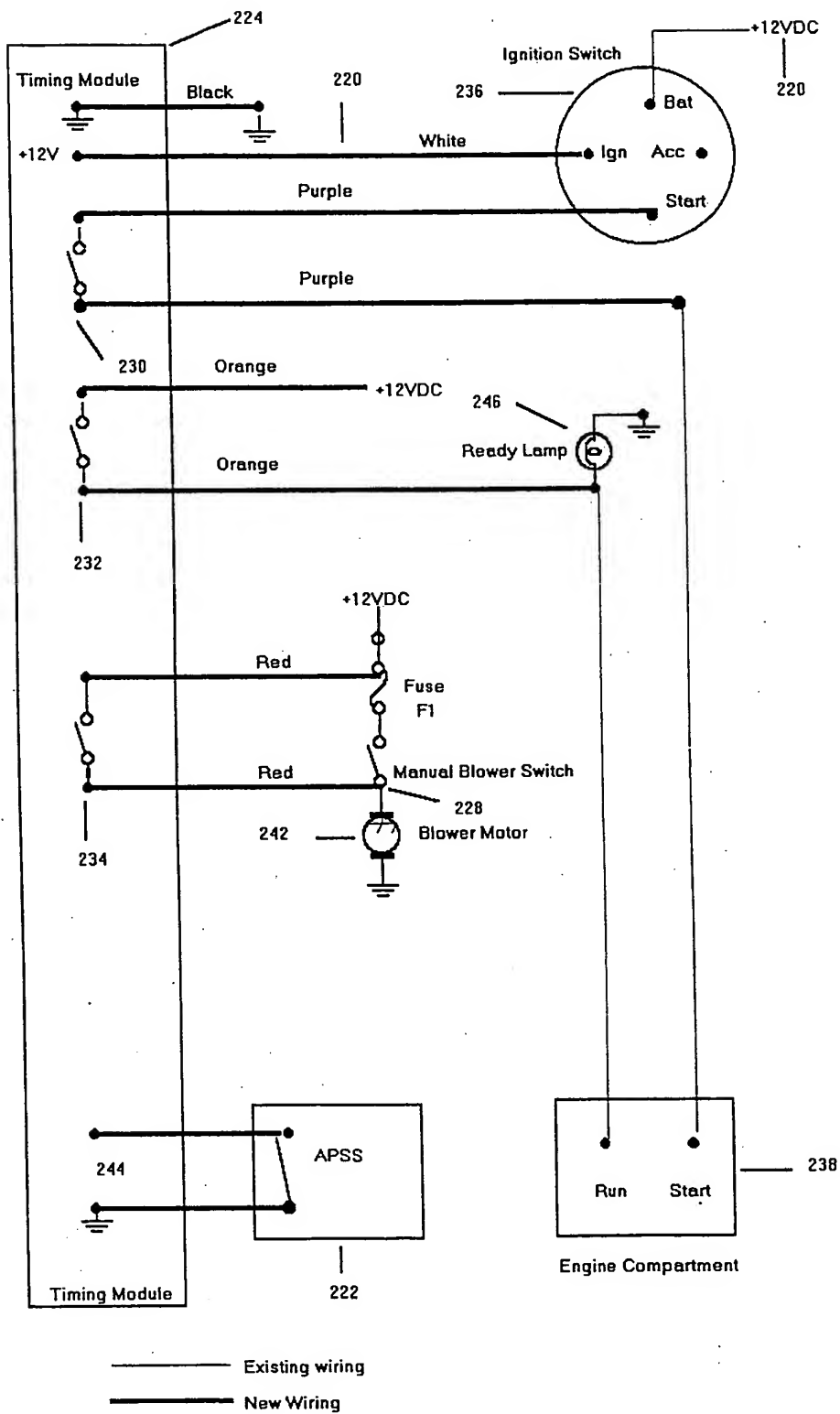


Fig. 7

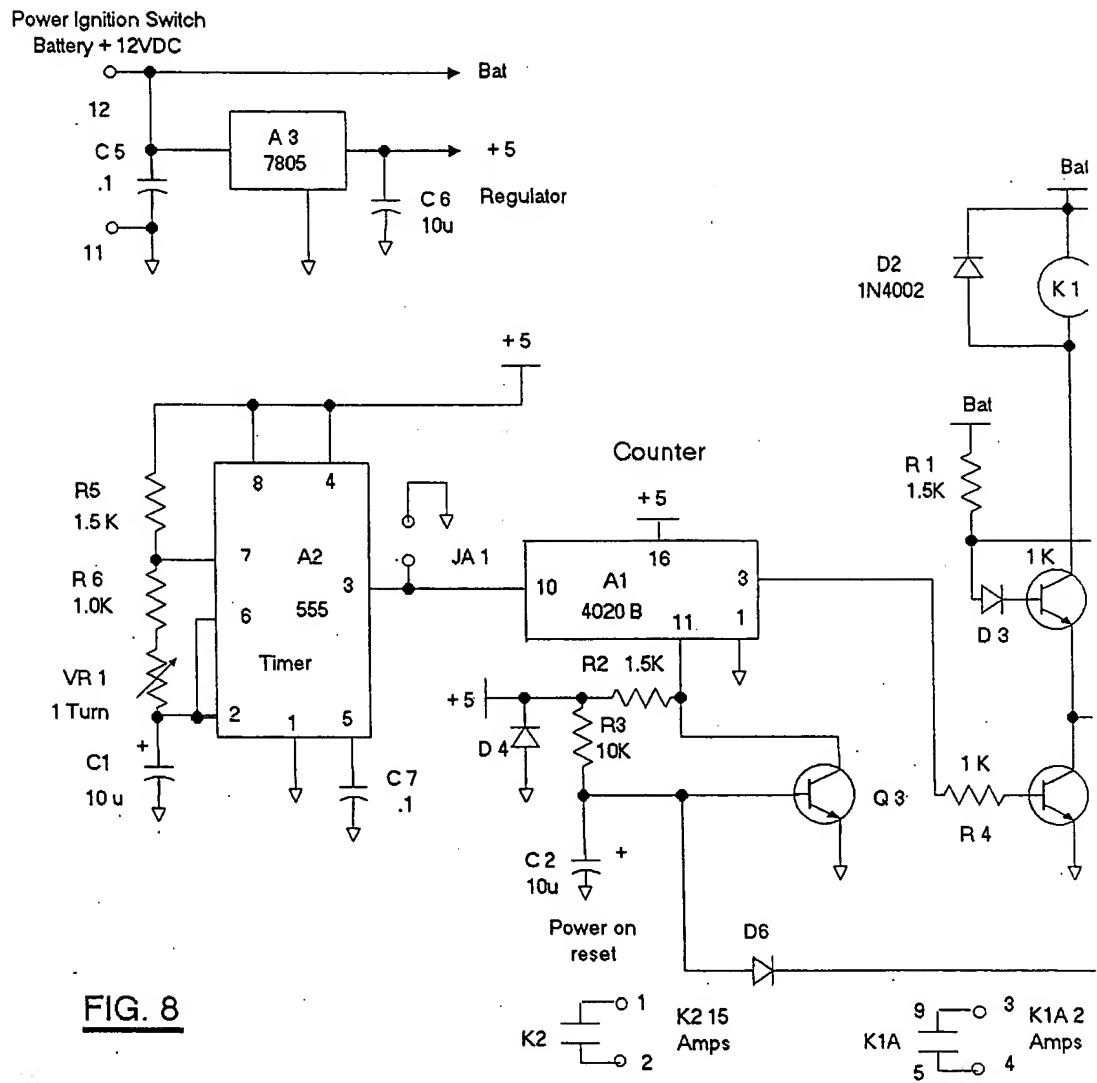


FIG. 8

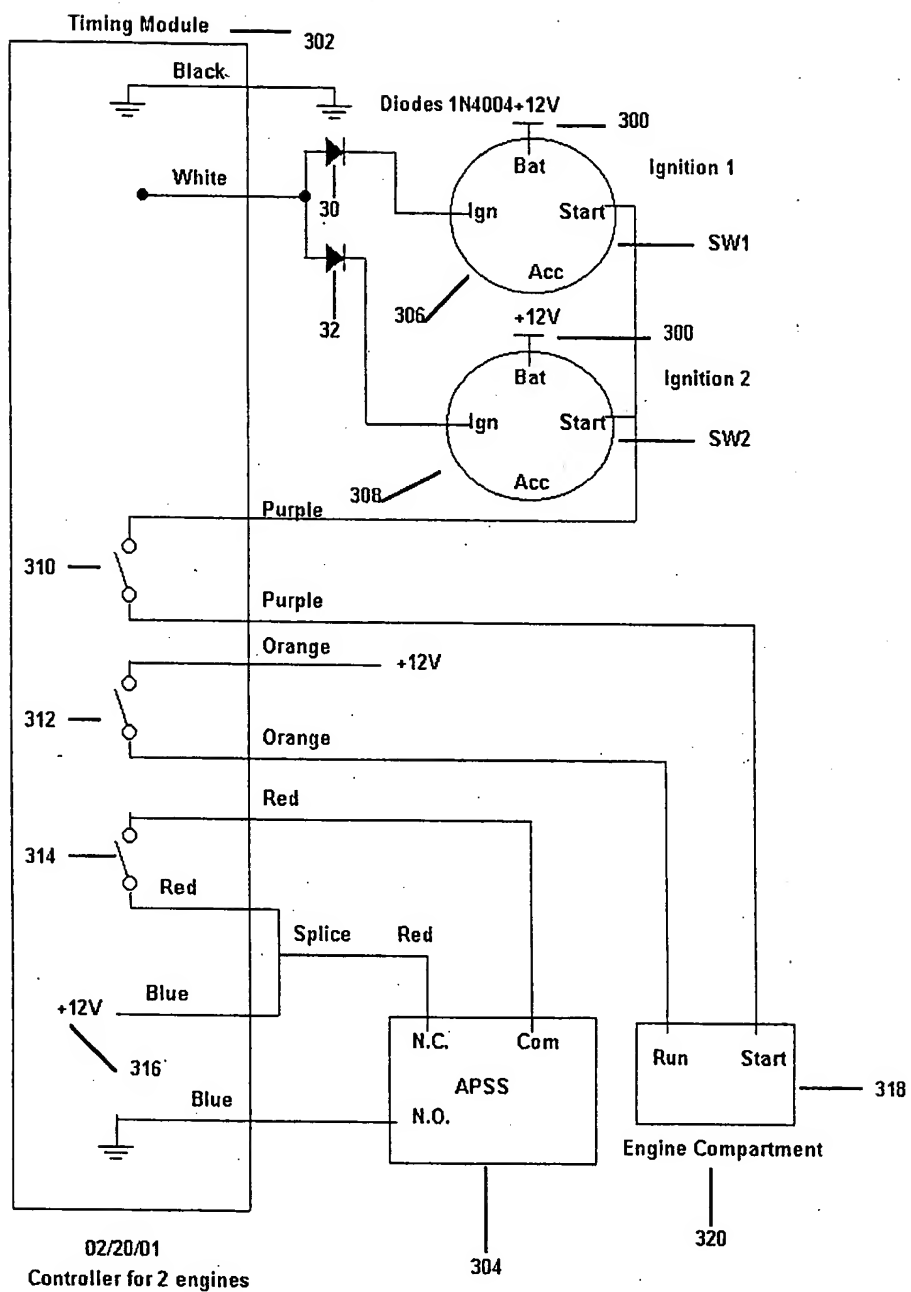


Fig. 9

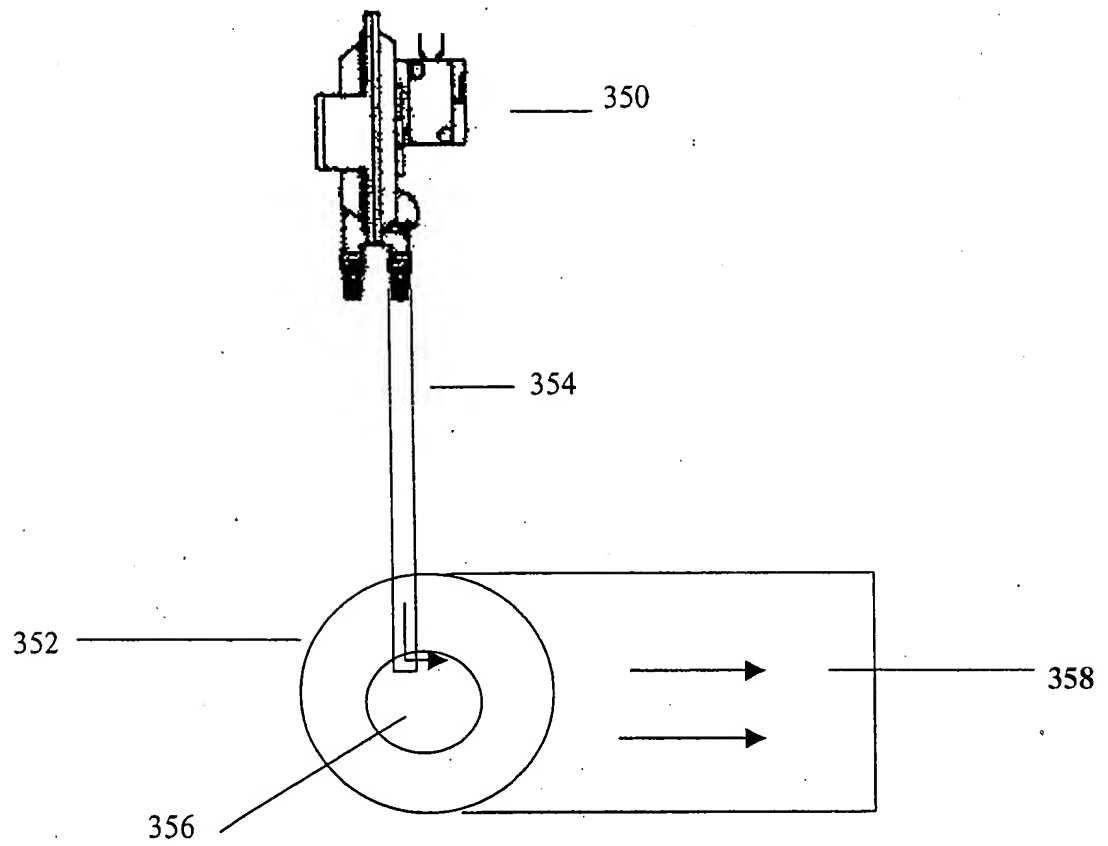


Fig. 10

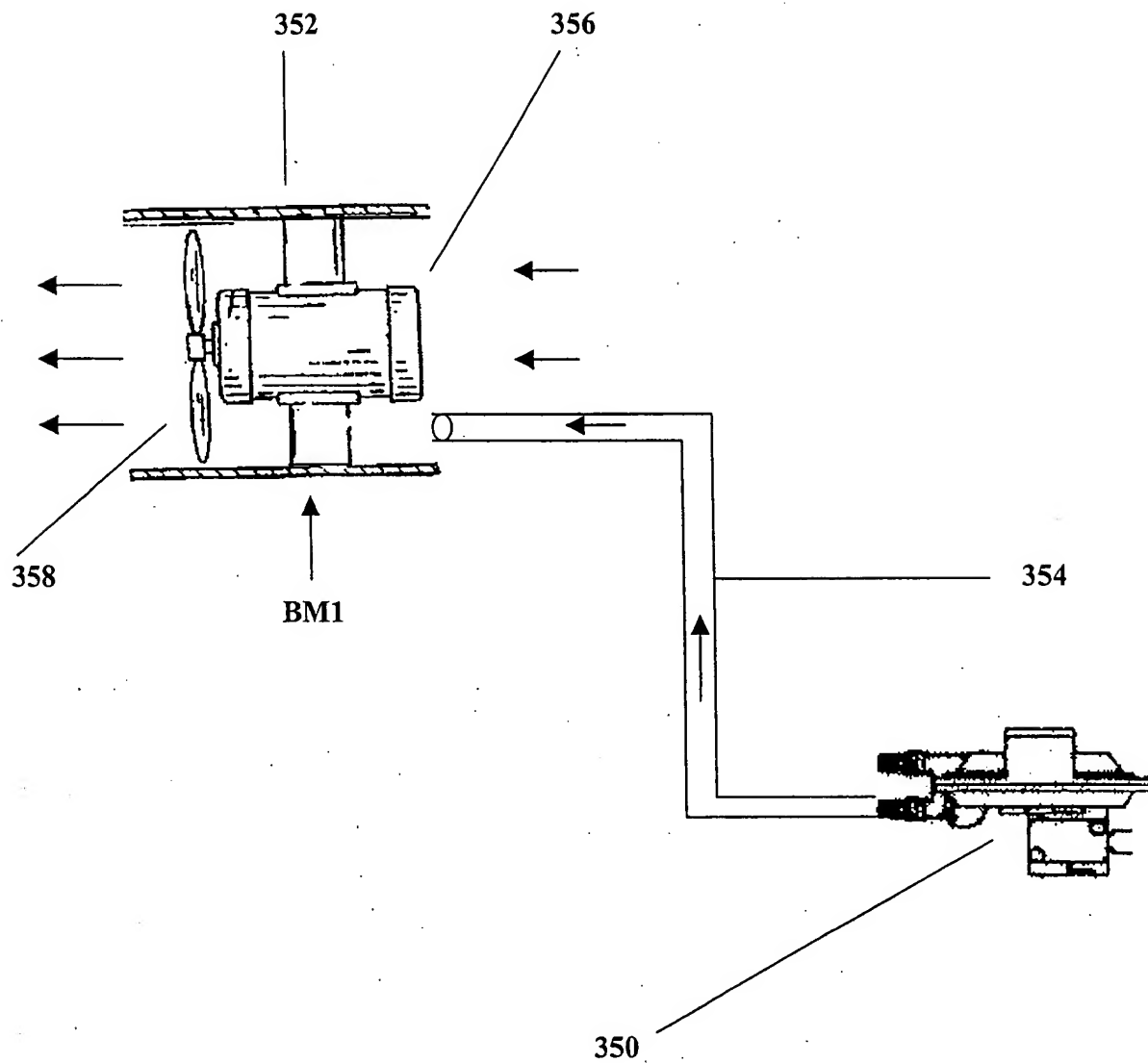


Fig. 11

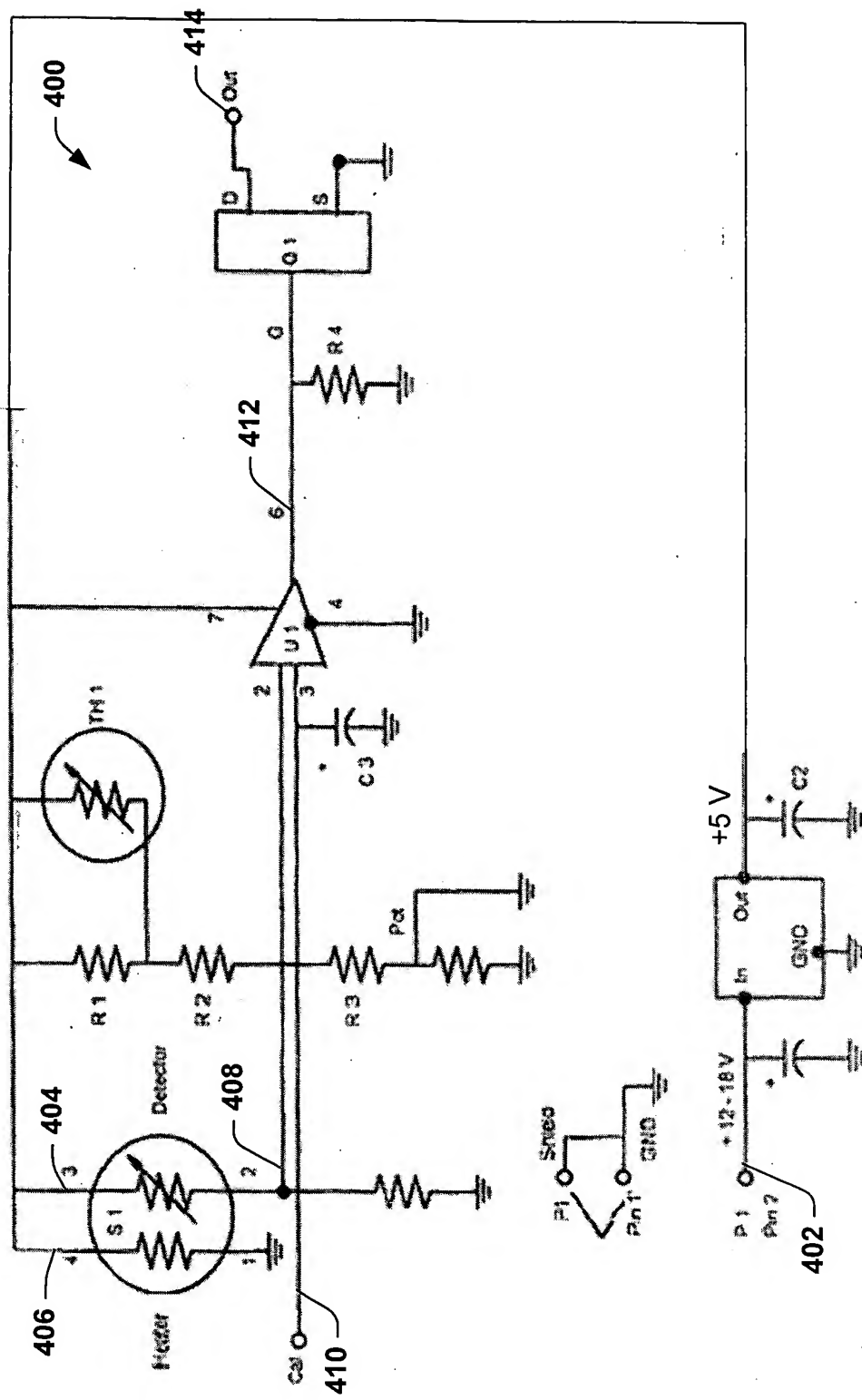


FIG. 12

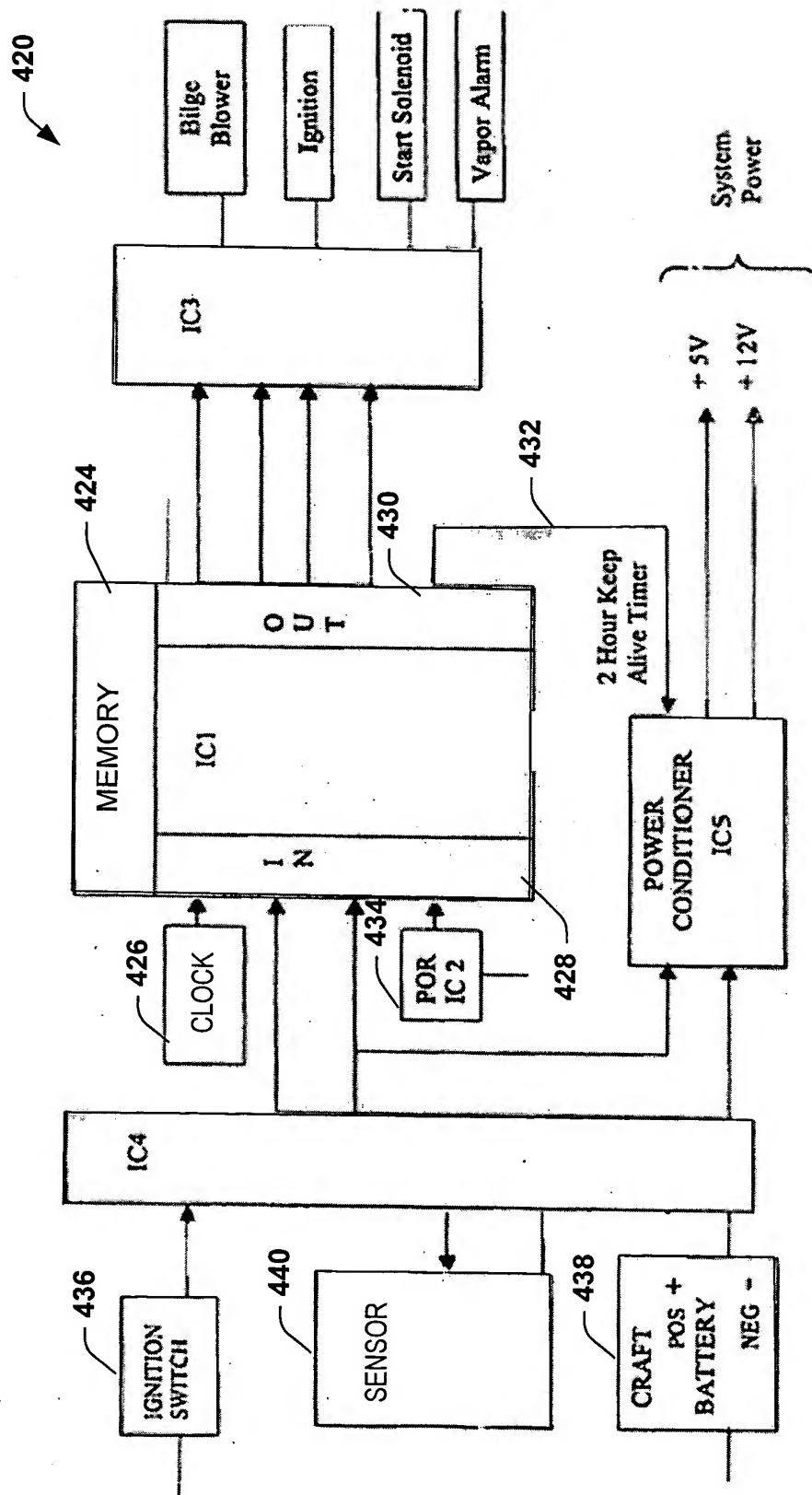


FIG. 13

START (ctd)

All software timers are reset

Furne sensor begins initial warm up.

(R1) Re-enter point 1 (five inputs)

1 S
IGNITION

ON ? → (NO) → Via IC3

Turn OFF blower & vapor alarm light
DISABLE ignition & starter

(YES)

Reset 2 hour timer

IS 2 HOUR
TIMER DONE ? → (NO) 2 hr ++

(YES)

DONE Kill power

(R1)

1 S
VAPOR
PRESENT ? → (NO)

Via IC3: Enable Ignition & Starter.
Turn OFF Vapor alarm light.

(YES)

Disable starter, turn blower ON
Reset blower timer

1 S
BLOWER TIMER

DONE ? → (NO) BLWR TMR ++

(YES)

Turn blower off
(R1)

(R1)

IS FULL ALARM
TIMER DONE ? → (YES) BLINK vapor Alarm Light

NO

Full alarm timer ++
Turn ON Vapor Alarm Light

(R1)

FIG. 14